SCHAEFER

User Manual LCD 128

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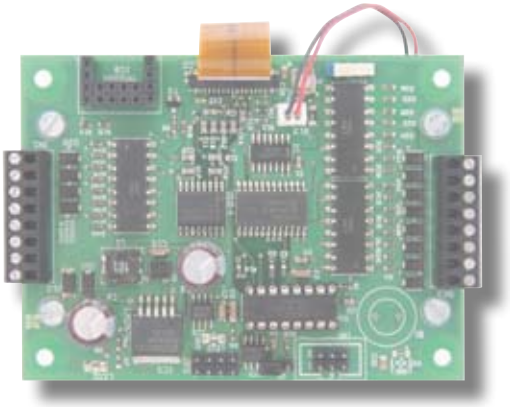
1 General description

The LCD 128 is a graphic LCD-display (liquid crystal display) with a resolution of 128 x 64 pixels.
It can be used horizontally or vertically and is suited both for car and landing fixtures.



The LCD 128 can display floors designations, arrows and special signs (texts/graphics).
The standard version includes a double-digit floor designation, arrows (for signal up, down and up/down) and graphics for a maximum of three special signs. Basically, however, the presentations and their positions can be defined freely.

2 Illustration

3 Configuration

There are two configuration options:

- The configuration of the LCD 128 is customised by SCHAEFER.
- Do-it-yourself configuration of the LCD 128 by means of the LCD 128 Config Kit.

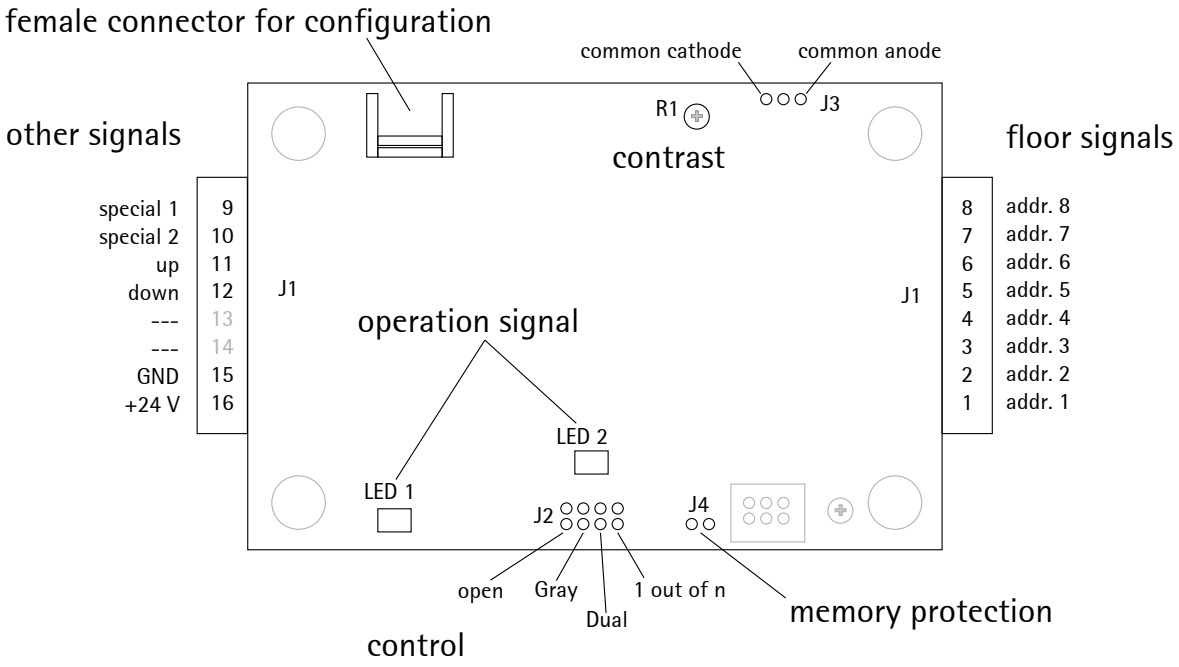
4 Contacting

The LCD 128 can be connected directly via the terminals.
With control 1 out of n and as from 9 floors an Encoder is required. This can be mounted onto the cover of the LCD 128.

	Article No.	
	common anode	common cathode
Encoder 1 out of 15	008808	008809
Encoder 1 out of 31	008806	008807

5 Pin assignment and settings

The pin assignment is fix.
To the terminals J1 the floor signals, special signals and arrow signals as well as the power supply can be connected.



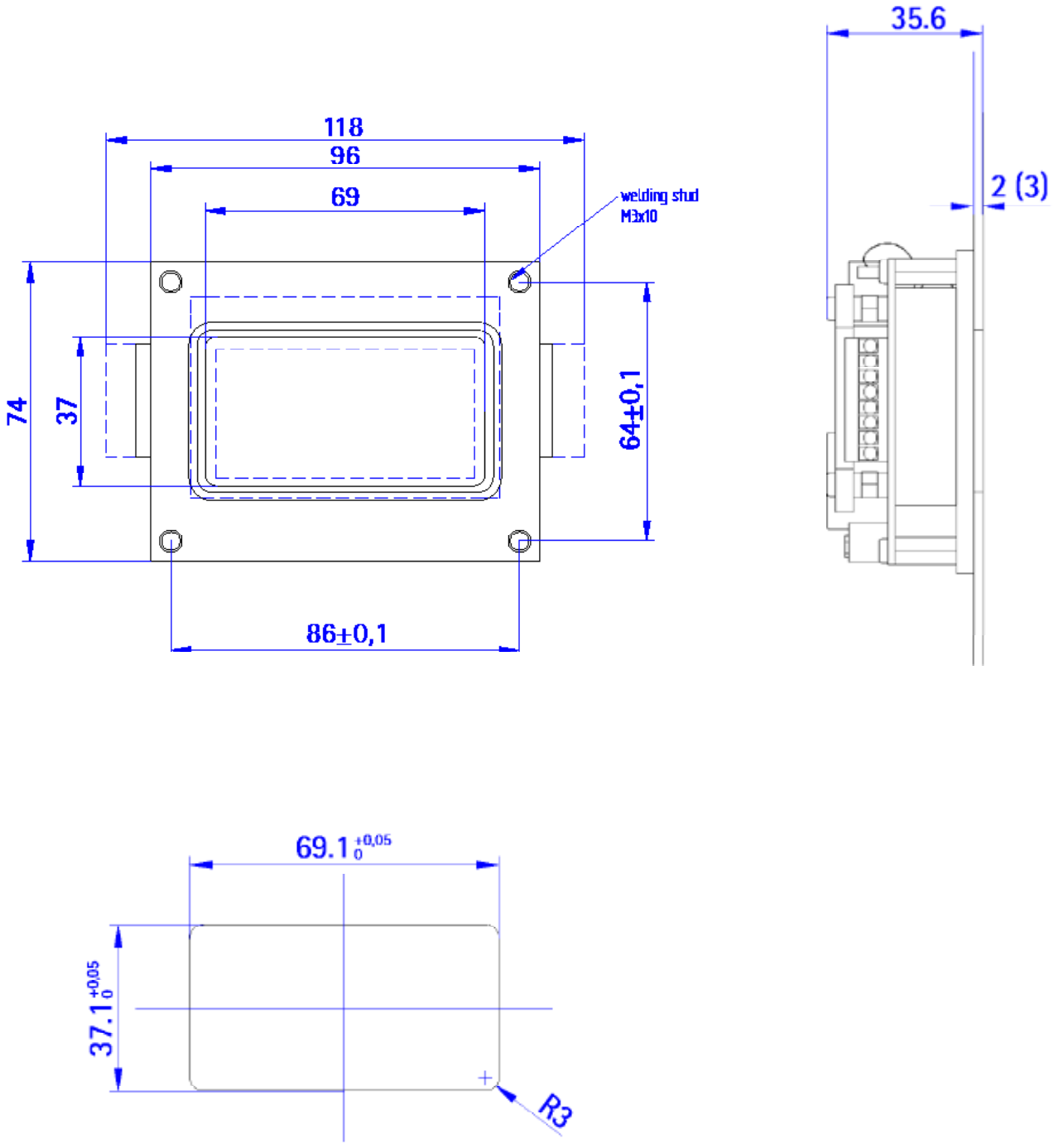
If special 1 and special 2 are controlled, a third special sign can be displayed.

For using the memory protection the jumper J4 must be set. While configuring the display the jumper must be opened.

If no jumper is set, the configured control is valid.
For changing the control on site the respective jumper must be set. Only one jumper may be set at a time.

Via the female connector for configuration the LCD 128 can be configured.

6 Dimensions



7 Characteristics

Display area	64 mm x 32 mm
Resolution	128 x 64 pixels
No. of floors	60 floors (minus 3 special texts-/graphics)
Special signs	3 special texts-/graphics
Arrow	up, down, up/down
Supply voltage	12 V ... 30 V DC, smoothed
Power consumption	approx 50 mA at 24 V
Temperature range	0 °C ... +65 °C
Control	Dual, Gray, 1 out of n
Connection	common anode or common cathode
Connection technology	via terminal via Encoder with control 1 out of n and > 8 floors
Compliance	EN 81-70, EN 81-71, EN 81-72

8 Designs

In addition to the standard version further designs can be supplied:

- water-protected design IP X3 according to EN 81-72
- vandal-resistant design as per lift category 1 and 2 according to EN 81-71

Compliance
EN 81-71 class 1 / EN 81-71 class 2

Notes

Notes